

Williams
10/729,490

In the Claims

1. (currently amended) A method for a photosensitive cockpit windshield of the type suitable for use with airplanes, comprising the steps of providing a photosensitive portion of a windshield which automatically changes from a transparent state to a darker state in response to varying light conditions and adjusting the light sensitivity of said photo sensitive windshield, said portion being surrounded by an area of said windshield not being photosensitive ~~such as sun glare, lightning or rain conditions;~~

2. (currently amended) The method of Claim 1, further comprising the step of controlling ~~a~~ the photosensitive circuit of the photosensitive portion of said windshield to enable or disable operation of the photosensitive windshield.

3. (currently amended) The method of Claim 2, further comprising the step of adjusting the opacity of the photosensitive portion of the windshield.

4. (currently amended) The method of Claim 3, further comprising the step of adjusting the response rate of the photosensitive portion of the windshield.

5-12. (canceled)

13. (currently amended) A ~~method for a~~ photosensitive window system comprising cockpit windshield of the type suitable for use on an existing windshield of an airplane, comprising the steps of:

a) a said window having a portion made of material having ~~providing a photosensitive windshield which changes from a transparent state to a darker state and vice versa~~ in response to varying light conditions ~~such as sun glare, lightning or rain conditions;~~ [[and,]]

b) a photosensitive circuit for exercising control over said ~~photosensitive portion of said window; and~~

c) [[b)]] a control module for enabling or disabling said ~~photosensitive circuit, adjusting shade capacity of said photosensitive portion of said~~

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window, adjusting response rate of said window, and adjusting light sensitivity of said window ~~attaching the photosensitive windshield to the existing windshield of the airplane.~~

14. (currently amended) The window system method of Claim 13, wherein said window is a windshield of an aircraft and the photosensitive portion of said window is surrounded by an area which is not photosensitive ~~further comprising the step of controlling the photosensitive circuit of the photosensitive windshield to enable or disable operation of the photosensitive windshield.~~

15. (currently amended) The window system method of Claim 14, wherein said aircraft has a side window which is photosensitive, said side window having a separate control module ~~further comprising the step of adjusting the opacity of the photosensitive windshield.~~

16. (currently amended) The window system method of Claim 13 ~~[[15]], wherein said window is in a building further comprising the step of adjusting the response rate of the photosensitive windshield.~~

17. (currently amended) The window system method of Claim 13 ~~[[16]], wherein said photosensitive portion of said window is made of material which comprises a lamination of different layers of polarizers, liquid crystal elements, and a cover glass, said liquid crystal elements acting as shutters which detect and react to light intensity further comprising the step of adjusting the light sensitivity of the photosensitive windshield.~~

18. (currently amended) The window system method of Claim 13 ~~[[17]], wherein said window is a windshield which is attached further comprising the step of attaching the photosensitive windshield to an the exterior surface of an the existing windshield of the airplane.~~